

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005678.D
 Acq On : 30 Oct 2018 00:03
 Operator : JC/MD
 Sample : VX1029WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 11:11:23 AM

Quant Time: Oct 30 05:02:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133330	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	5.51	113	110856	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.71	98	405370	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.14	95	150666	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58365	23.980	ug/l	94
3) Chloromethane	1.32	50	61026	19.688	ug/l	100
4) Vinyl Chloride	1.40	62	65271	21.416	ug/l	96
5) Bromomethane	1.64	94	35758	18.855	ug/l	96
6) Chloroethane	1.72	64	37444	19.231	ug/l	96
7) Trichlorofluoromethane	1.93	101	83243	19.656	ug/l	97
8) Diethyl Ether	2.19	74	33977	20.104	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48116	19.802	ug/l	99
10) Methyl Iodide	2.51	142	43034	18.759	ug/l	97
11) Tert butyl alcohol	3.06	59	84879	104.788	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45414	19.620	ug/l	92
13) Acrolein	2.29	56	39254	95.003	ug/l	97
14) Allyl chloride	2.72	41	99949	19.348	ug/l	96
15) Acrylonitrile	3.15	53	175579	96.667	ug/l	99
16) Acetone	2.45	43	155447	97.731	ug/l	95
17) Carbon Disulfide	2.57	76	132673	18.803	ug/l	99
18) Methyl Acetate	2.78	43	86743	21.235	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	167422	20.277	ug/l	99
20) Methylene Chloride	2.85	84	52449	19.689	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	48081	19.024	ug/l	96
22) Diisopropyl ether	3.87	45	173273	19.207	ug/l	89
23) Vinyl Acetate	3.82	43	777983	97.919	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96251	19.624	ug/l	98
25) 2-Butanone	4.70	43	238306	98.388	ug/l	97
26) 2,2-Dichloropropane	4.59	77	59678	15.760	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	53258	19.547	ug/l	96
28) Bromochloromethane	5.02	49	44187	18.627	ug/l	97
29) Tetrahydrofuran	5.16	42	156913	99.548	ug/l	100
30) Chloroform	5.21	83	87423	19.055	ug/l	100
31) Cyclohexane	5.58	56	80312	19.790	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	76059	18.783	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65953	19.170	ug/l	96
37) Ethyl Acetate	4.85	43	86354	19.669	ug/l	99
38) Carbon Tetrachloride	5.79	117	66117	18.246	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71885	18.921	ug/l #	93
40) Benzene	6.14	78	190084	19.273	ug/l	98
41) Methacrylonitrile	5.06	41	47338	19.356	ug/l	98
42) 1,2-Dichloroethane	6.20	62	69879	18.651	ug/l	99
43) Isopropyl Acetate	6.46	43	123069	18.706	ug/l	95
44) Trichloroethene	7.21	130	51842	19.295	ug/l	99
45) 1,2-Dichloropropane	7.52	63	51684	19.492	ug/l	100
46) Dibromomethane	7.66	93	32415	18.928	ug/l	98
47) Bromodichloromethane	7.90	83	60942	18.335	ug/l	98
48) Methyl methacrylate	7.77	41	61124	19.071	ug/l	98
49) 1,4-Dioxane	7.75	88	27828	397.308	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	427661	96.722	ug/l	99
52) Toluene	8.79	92	117678	19.633	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65395	18.204	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	72994	18.873	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48178	19.064	ug/l	98
56) Ethyl methacrylate	9.18	69	73426	19.479	ug/l	98
57) 1,3-Dichloropropane	9.37	76	81559	19.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	201641	95.780	ug/l	99
59) 2-Hexanone	9.49	43	334293	95.892	ug/l	99
60) Dibromochloromethane	9.59	129	49316	18.704	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51040	19.523	ug/l	98
64) Tetrachloroethene	9.34	164	52982	19.806	ug/l	98
65) Chlorobenzene	10.14	112	132015	19.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47348	18.923	ug/l	98
67) Ethyl Benzene	10.25	91	221570	19.625	ug/l	100
68) m/p-Xylenes	10.36	106	172035	39.276	ug/l	100
69) o-Xylene	10.70	106	82328	19.978	ug/l	100
70) Styrene	10.71	104	137325	19.906	ug/l	99
71) Bromoform	10.86	173	40559	18.166	ug/l #	98
73) Isopropylbenzene	11.02	105	232735	17.521	ug/l	99
74) N-amyl acetate	10.90	43	105479	16.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80450	16.416	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75335m	16.363	ug/l	
77) Bromobenzene	11.26	156	64407	17.398	ug/l	95
78) n-propylbenzene	11.36	91	262425	17.277	ug/l	100
79) 2-Chlorotoluene	11.42	91	163902	17.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	191946	16.892	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20939	14.860	ug/l	98
82) 4-Chlorotoluene	11.51	91	186001	16.750	ug/l	100
83) tert-Butylbenzene	11.77	119	212762	18.784	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	231060	20.063	ug/l	99
85) sec-Butylbenzene	11.94	105	276411	20.451	ug/l	99
86) p-Isopropyltoluene	12.07	119	246936	20.438	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131884	18.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135807	18.690	ug/l	100
89) n-Butylbenzene	12.39	91	215544	19.761	ug/l	98
90) Hexachloroethane	12.60	117	37193	17.848	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	135099	19.182	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18340	15.478	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80726	15.812	ug/l	98
94) Hexachlorobutadiene	13.79	225	39373	14.881	ug/l	99
95) Naphthalene	13.83	128	250193	16.859	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83954	16.222	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

